(p-methylbenzylidene)-decyl-amine

Inchi: InChI=1S/C18H29N/c1-3-4-5-6-7-8-9-10-15-19-16-18-13-11-17(2)12-14-18/h11-14,16H,3

InchiKey: OCJSXHMBLSQPHF-KNTRCKAVSA-N

Formula: C18H29N

SMILES: CCCCCCCCCCN=Cc1ccc(C)cc1

Mol. weight [g/mol]: 259.43

Physical Properties

Property code	Value	Unit	Source
hf	-107.57	kJ/mol	Joback Method
hvap	61.91	kJ/mol	Joback Method
log10ws	-5.78		Crippen Method
logp	5.555		Crippen Method
mcvol	246.400	ml/mol	McGowan Method
pc	1336.86	kPa	Joback Method
rinpol	2076.00		NIST Webbook
tb	719.58	K	Joback Method
tc	919.24	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R160351&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Joback Method: https://en.wikipedia.org/wiki/Joback_method

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hf: Enthalpy of formation at standard conditions

hvap: Enthalpy of vaporization at standard conditions

log10ws: Log10 of Water solubility in mol/l

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature